

## Purchasing Receipts

PO No	Supplier	Line Item No	Rei No	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO040678	ACI001-J/C	1	Net 30	M7075T6S.160	7075-T6 Sheet .160 : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive sf				96	8/10/2018	96	S102605	Stock	8/10/2018	\$ 24.43 / sf	5	\$2,345.18	Aacier Ouellette Inc.		
																		\$1,790.70		

Plex 8/15/2018 4:08 PM *dart.Tollis.Andrew*

**ACIER OUELLETTE INC.**

935, Boul. du Havre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

**DELIVERY - CLIENT****Copy**

CO0010296;

<b>Billed to</b>	<b>Shipped to</b>	<b>Customer N°</b>
DART AEROSPACE LTD	DART AEROSPACE LTD	CLI0001056
1270 , ABERDEEN ST.		2018/08/03
HAWKESBURY, Ontario, K6A 1K7		<b>Delivery date</b>
		<b>Your order N°</b>
		<b>Processed by</b>
		<b>Salesman</b>
		<b>Carrier</b>
		<b>Credit Terme</b>
		Net 30 Days

Product Description	Weight	Qty	UM	PCS NB				Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C	OUT
1 ROUND ALU 1 1/8 6061-T6 *	14.00	12.00	PL_\$CLB								
RAL-1118 5124 1 X 12" HEAT 2000238076				112							
2 ALU SHEET .160 7075-T6 NS											
FFAL-1607075 111805 2 sheet 48" x 144" ac18557-5a-2018/08/08	214.18	96.00	PT2_\$CLB	2X4	1	X	12	1			
HEAT 143308B9 AT											
<b>Total Weight (Lbs) :</b>	<b>228.18</b>										

**Conditions :**

All sold and delivered materials remain the property of "Acer Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acer Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acer Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice, to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :	Verified By :

Delivered By :	Time
Customer's Signature	Date

Date



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

**PURCHASE ORDER  
PO040678**

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** PO040678

**PO Date:** 8/3/18

**Due Date:** 8/9/18

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Phone:

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

**E-MAILED**  
AUG 03 2018

*CMF*

**Items**

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		M7075T6S.160		7075-T6 Sheet .160 MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive sf	Firmed	-	8/9/18	96 sf	0 sf 96sf	96 sf	\$24.429/sf	\$2,345.18 <i>AT 18/08/15</i>
2		M6061T6R1.125		6061 Round Bar 1.125 MATERIAL: 6061-T6/T6511/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	-	8/9/18	20 ft 12ft	0 ft	20 ft 12ft	\$4.504/ft	\$90.08

**Grand Total:** \$2,435.26

**Order Notes**

**Procurement Quality Clauses**

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

CO102962

Dart

P.O. 18557

SHIP TO:	
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SOLD TO:	
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**KAISER**  
**ALUMINUM**

Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4469444

\* AMENDMENT (07-Jul-2017, replaces 4386299)

CUSTOMER PO NUMBER:	WORK PACKAGE:	CUSTOMER PART NUMBER:		SHIP RUN/LOAD:	GOVT CONTRACT NUMBER:
C70665-5				103289/16	
KAISER ORDER NO:	SHIP DATE:	ALLOY:	CLAD:	TEMPER:	PRODUCT DESCRIPTION:
1198119-5	10-AUG-2015	7075	ALCLAD	T6	MRS Quality
WEIGHT SHIPPED:	QUANTITY:	TRUCK B/L #:	GAUGE:	DIAMETER/WIDTH:	LENGTH:
3939 LB	35 PCS EST.	2055406	0.1600 IN ( 4.0640 MM)	48.000 IN (1219.2 MM)	144.000 IN (3657.6 MM)

MHU 1919685: LOT 143308B5: 27 pieces LOT 778352A5: 8 pieces;

### Certified Specifications

AMS 4049/RevM  
CMMP 025/RevV

ASTM B 209/Rev14  
DMS-2174/RevB

BATS 2505/RevNC

Test Code: 4013

Lot: 143308B5

Cast 845

### Test Results

Ingot 1

Melted in USA

(ASTM E8/B557)  
(EN 2002-1)

Tensile: Temper  
T6

Dir / # Tests  
LT / 2 (Min:Max)

Ultimate KSI (MPA)  
80.3 : 81.0  
(554 : 558)

Yield KSI (MPA)  
69.9 : 70.2  
(482 : 484)

Elongation %  
13.1 : 13.2

MRS Deflection : 0.129 IN

(ASTM E1251)

Chemistry:  
Actual(wt%)  
Lot: 778352A5

SI 0.08  
FE 0.16  
Cast 845

CU 1.5  
MN 0.05  
Drop 27

MG 2.4  
CR 0.20  
Ingot 1

ZN 5.6  
TI 0.03  
V 0.01  
Parent Lot: 143308B5

ZR 0.01

OTHER  
TOT 0.05  
Melted in USA

(ASTM E8/B557)  
(EN 2002-1)

Tensile: Temper  
T6

Dir / # Tests  
LT / 2 (Min:Max)

Ultimate KSI (MPA)  
80.0 : 80.6  
(552 : 556)

Yield KSI (MPA)  
70.0 : 70.2  
(483 : 484)

Elongation %  
12.3 : 13.0

MRS Deflection : 0.018 IN

(ASTM E1251)

Chemistry:  
Actual(wt%)

SI 0.08  
FE 0.16  
Cast 845

CU 1.5  
MN 0.05  
Drop 27

MG 2.4  
CR 0.20  
Ingot 1

ZN 5.6  
TI 0.03  
V 0.01  
Parent Lot: 143308B5

ZR 0.01

OTHER  
TOT 0.05



Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4469444

### ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
7075												
MIN(wt%)	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT	0.15
Liner Alloy:	7072											
MIN(wt%)	0.0	0.0	0.00	0.00	0.00	0.00	0.8	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.3	0.4	0.10	0.10	0.10	0.05	1.3	0.05	0.05	0.05	TOT	0.15

### Aluminum Remainder

### TEST NOTES

MATERIAL MEETS MINIMUM RESIDUAL STRESS (MRS) / CHEMICAL MILLING QUALITY (CMQ) REQUIREMENTS.

### CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
- All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
- was melted in the United States of America or a qualifying country per DFARS 226.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
- has been thermally processed in compliance with AMS 2772, where applicable.
- is mercury free, within the limits of detection of ASTM E1215 (<1 ppm).
- is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
- is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
- is free of weld repair.
- meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075765.160  
 DATE: 18/08/15

PO / BATCH NO.: B00406785n2605

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 96sf  
 QUANTITY INSPECTED: 96sf  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.160"  
 THICKNESS RECEIVED: 0.160"  
 SHEET SIZE ORDERED: 4x12'  
 SHEET SIZE RECEIVED: 4x12'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>ASTM B209</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>HT.14330885</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/08/15</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

	8	7	6	5	4	3	2	1	0																																			
A	B	C	D																																									
<p><b>A PURCHASE MATERIAL:</b> 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE  <b>SPECIFICATION:</b> QQ-A-250/13 OR AMS-QQ-A-250/13  <b>OR</b>  <b>B PURCHASE MATERIAL:</b> 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE  <b>SPECIFICATION:</b> QQ-A-250/13 OR AMS-QQ-A-250/13  <b>OR</b> AMS 4048/4049  <b>OR</b> ASTM B209</p> <p><b>C PART NUMBER:</b>  M7075T6S <b>TTT</b> X <b>WWWW</b>   <b>THK</b>  <b>WIDTH</b>   WHERE "TTT" = THICKNESS (IN INCHES)  AND "WWWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)  EG. 0.063" THICK SHEET = M7075T6S 063  EG. 3.5" WIDE BY 0.50" THICK PLATE = M7075T6S 500X3.500  .  <b>D PREFERRED SIZE:</b>  .TTT BY 4FT BY 10FT FOR SHEET</p>																																												
A	B	C	D																																									
<p><b>RELEASED</b>  2017 JUN 19 Q  ECN 17-574</p> <p><b>APPROVED</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">DESIGN</td> <td style="width: 10%;">RF</td> <td style="width: 10%; text-align: center;"><b>DART AEROSPACE LTD</b></td> <td style="width: 10%; text-align: center;">HAWKESBURY, ONTARIO, CANADA</td> <td style="width: 10%; text-align: center;">REV. B</td> </tr> <tr> <td>DRAWN</td> <td>CP</td> <td>DRAWING NO.</td> <td>SH. 1 OF 1</td> <td></td> </tr> <tr> <td>CHECKED</td> <td>ML</td> <td>M7075T6S</td> <td>SCALE</td> <td></td> </tr> <tr> <td>MFG. APPR.</td> <td>LL</td> <td>TITLE</td> <td>NTS</td> <td></td> </tr> <tr> <td>APPROVED</td> <td>WM</td> <td>7075-T6 SHEET/PLATE SPEC</td> <td></td> <td></td> </tr> <tr> <td>DE APPR.</td> <td>DSP</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DATE</td> <td>17.05.05</td> <td colspan="3">Copyright © 2019 by DART Aerospace Ltd. All rights reserved. No part of this document may be reproduced without written permission.</td> </tr> </table>										DESIGN	RF	<b>DART AEROSPACE LTD</b>	HAWKESBURY, ONTARIO, CANADA	REV. B	DRAWN	CP	DRAWING NO.	SH. 1 OF 1		CHECKED	ML	M7075T6S	SCALE		MFG. APPR.	LL	TITLE	NTS		APPROVED	WM	7075-T6 SHEET/PLATE SPEC			DE APPR.	DSP				DATE	17.05.05	Copyright © 2019 by DART Aerospace Ltd. All rights reserved. No part of this document may be reproduced without written permission.		
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